



Attorney Docket No.: 40296-0048

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Confirmation No.: 1788

Seon Yong CHA

Application No.: 10/734,294

Art Unit: 2826

Filed: December 15, 2003

Examiner: Thomas L. Dickey

For: MAGNETORESISTIVE RANDOM ACCESS MEMORY, AND MANUFACTURING METHOD THEREOF

**Certificate**  
**AUG 30 2006**  
**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 37 C.F.R. § 1.323**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

08/29/2006 MAHMED2 00000011 7095069  
01 FC:1811 100.00 OP

Dear Sir:

Applicant hereby requests a Certificate of Correction, pursuant to 37 C.F.R. §1.323, to include Assignee, Hynix Semiconductor Inc. Attached is a copy of the Notice of Recordation of Assignment Document in the above-referenced matter and Form PTO/SB/44, which reflects the changes listed below:

On the Title Page of the Patent under (73) Assignee, please insert  
--Hynix Semiconductor Inc.--

The required filing fee under §1.20(a) is enclosed. Applicant believes the appropriate filing fee is enclosed, however, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 08-1641.

**AUG 30 2006**

Please send the Certificate of Correction to:

Heller Ehrman LLP  
1717 Rhode Island Avenue, NW  
Washington, DC 20036

Applicant requests a print copy of the correction cover page to Patent No.

7,095,069.

Respectfully submitted,

Date: 8/25/06

HELLER EHRMAN LLP  
1717 Rhode Island Avenue  
Washington, DC 20036  
Telephone: (202) 912-2000  
Facsimile: (202) 912-2020

By Johnny A. Kumar

Johnny A. Kumar  
Attorney for Applicant  
Registration No. 34,649

Customer No. 26633

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO : 7,095,069

DATED : August 22, 2006

INVENTOR(S) : Seon Yong Cha

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Title Page of the Patent, include (73) Assignee, and insert --Hynix Semiconductor Inc.--

MAILING ADDRESS OF SENDER: Heller Ehrman LLP  
1717 Rhode Island Avenue, NW  
Washington, D.C. 20036

PATENT NO. 7,095,069

Not a final copy

AUG 30 2006





UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

PTAS

HELLER EHRMAN WHITE & MCAULIFFE  
JOHNNY A. KUMAR  
1666 K STREET, N.W.  
SUITE 300  
WASHINGTON, DC 20006



\*102629638A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/15/2003

REEL/FRAME: 014809/0067

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHA, SEON YONG

DOC DATE: 12/02/2003

ASSIGNEE:

HYNIX SEMICONDUCTOR INC.  
 SAN 136-1, AMI-RI, BUBAL-EUP  
 ICHEON-SI, GYEONGGI-DO 467-701

REPUBLIC OF KOREA

SERIAL NUMBER: 10734294

FILING DATE: 12/15/2003

PATENT NUMBER:

ISSUE DATE: 9 -

TITLE: MAGNETORESISTIVE RANDOM ACCESS MEMORY, AND MANUFACTURING METHOD

MINISTREOF

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1/10/1911

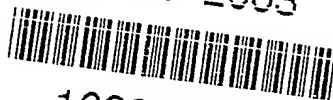
100-441616-DC, Office

014809/0067 PAGE 2

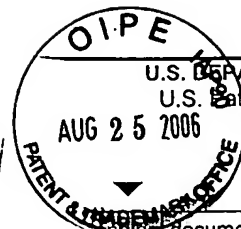
TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDED

12-23-2003



102629638



Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please receive

Original documents or copy thereof

1. Name of conveying party(ies):

Seon Yong CHA

12.15.03

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Hynix Semiconductor Inc.

Internal

Street Address: San 136-1, Ami-ri, Bubal-eup,

Icheon-si, Gyeonggi-do 467-701, KOREA

City: State: Zip:

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Dates: December 2, 2003

4. Application number(s) or patent number(s):

10734294

If this document is being filed together with a new application, the execution data of the application is: December 15, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Johnny A. Kumar

Internal Address: Heller Ehrman White & McAuliffe

Street Address: 1666 K Street, N.W.

Suite 300

City: Washington

State: D.C.

Zip: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) .....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

08-1641

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

CUSTOMER NO. 26633

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Johnny A. Kumar

Name of Person Signing

Johnny A. Kumar  
Signature

12/15/03  
Date

Total number of pages including cover sheet, attachments, and documents: 3

**ASSIGNMENT AND AGREEMENT**

**WHEREAS, [Seon Yong CHA]** (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled **[MAGNETORESISTIVE RANDOM ACCESS MEMORY, AND MANUFACTURING METHOD THEREOF]** for which an application for United States Letters Patent is filed concurrently herewith;

**WHEREAS, [Hynix Semiconductor Inc.]**, having its principal place of business at **[San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Korea]** (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

**NOW THEREFORE**, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

**ASSIGNOR HEREBY AUTHORIZES AND REQUESTS** the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

**ASSIGNOR HEREBY AGREES** (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.



**ASSIGNOR HEREBY REPRESENTS AND WARRANTS** that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

**ASSIGNOR HEREBY GRANTS** to the law firm of **Heller Ehrman White & McAuliffe** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**ASSIGNOR UNDERSTANDS AND AGREES** that the attorneys and agents of the law firm of **Heller Ehrman White & McAuliffe** do not personally represent ASSIGNOR or ASSIGNOR's legal interests; but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTORS		
Name: Seon Yong CHA	Signature: <i>Seon Yong Cha</i>	Date: <i>Dec. 2, 2003</i>
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: Hai Shin YOON	Signature: <i>H.S. Yoon</i>	Date: <i>Dec. 2, 2003</i>
Name:	Signature:	Date:
Name:	Signature:	Date: